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**Donohue**

ENGINEERS

ARCHITECTS

SCIENTISTS

May 2, 1991

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Mr. Robert Lance (5HS-11)  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region V  
230 South Dearborn  
Chicago, Illinois 60604

Re: EPA Region V ARCS Contract No. 68-W8-0093  
EPA Work Assignment No. 17-5L4J  
Donohue Project Number 20026.025

Submittal of Field Technical Memos - Preliminary Draft  
Summary of Phase I RI Data - Preliminary Draft  
Phase II RI Scoping Meeting Agenda

Dear Mr. Lance:

Attached are: Preliminary Draft copies of the field technical memos which summarize activities which took place during the Phase I RI field investigation; a summary of the Phase I RI Data; and an agenda and list of responsibilities for the Phase II RI Scoping Meeting.

Seventeen technical memos summarizing the field investigation activities are included as well as one data evaluation memo. Areas covered are as follows:

Technical  
Memorandum Number

Subject Area

Field Investigation

- |               |  |
|---------------|--|
| 1             | Monitoring Well Installation                     |
| 2             | Well Development                                 |
| 3             | Staff Gages                                      |
| 4             | Geotech Borings                                  |
| 5             | Geotechnical Data Evaluation                     |
| 6             | Private Well Sampling and Basement Air Screening |
| 7             | Landfill Cap Soil Sampling                       |
| 8             | Well Sampling                                    |
| 9             | Surface Water/Sediment Sampling                  |
| 10            | Test Pits  |
| 10 Appendix A | Geophysical Exploration Program                  |

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Technical  
Memorandum Number

Subject Area

11	Slug Testing Field Procedures and Analysis
12	Waste Mass Gas Sampling
13	Installation of Water Table Wells and Landfill Cap Sampling
14	Wetlands Assessment and Identification
15	Wetland Soil Sampling
16	Water Level Measurements

Data Evaluation

1 Private Well Chemistry Results

An evaluation of the groundwater chemistry will be presented at the scoping meeting, but is not available now because we just received the water quality results on April 15. We felt that it was important to study and summarize all of the groundwater chemical data prior to the scoping meeting

The Phase I RI field data is also attached. The data is summarized by media, analyte, and magnitude of sample concentration in descending order. All of the data has been summarized, with the exception of the water quality data. The tentatively identified compounds (TICs) are also summarized by media and concentration. Please be aware that for the TICs, in some cases it appears that an isomer or hydrocarbon may have the same sample number, but a different concentration. This is because there is a different residence time for each isomer and all isomers are identified which have a reportable concentration. The water quality data will be available for your use at the scoping meeting.

I have also enclosed the agenda and summary of responsibilities for each attendee at the scoping meeting for your use. Jim Smith of IDEM has also been sent a copy of the technical memos, the data, and the agenda, as we agreed.

If you have any questions, please call me. I look forward to seeing you at the Phase II Scoping Meeting.

Very truly yours,

DONOHUE & ASSOCIATES, INC.

  
Vanessa A. Harris  
Site Manager

VAH:llw

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cc: EPA  
Patricia Vogtman, Project Officer (cover letter)  
Brigitte Manzke, Contracting Officer (cover letter)

DONOHUE

Roman Gau

Tom Dalton

Marcia Kuehl

Work Assignment Files

PMO Files

A/O/L/EP2

**TECHNICAL MEMORANDA**